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October 19, 1976

MEMO TO FILE:

Re: United State Steel Corp.
Keigley Quarry
Sec. 15, 22, 23, 26, & 27
T. 9 S., R. 1 E.
Utah County, Utah

ACT-049-001

On October 13, 1976, Ron Daniels and Brian Buck visited this operating limestone and dolomite quarry in Utah County, Utah. We were met at the site by Mr. Raymond Johnson, pit manager, and Mr. John Quinn, representing the U.S. Steel's Western Ore Operations office in Lander, Wyoming. U.S. Steel has submitted a notice of intention and mining and reclamation plan which was the reason for the field inspection.

This quarry supplies limestone and dolomite to the Geneva Steel Mill and the duration and scope of this operation is totally dependent on the future of the steel mill.

The quarry, located on the south end of West Mountain is developed in the Deseret Limestone and Humbug Formation of Mississippian Age. The surface is a thin, residual soil with many scattered rock outcrops. The observed vegetation consists of rabbitbrush, sage, cliffrose, blazing star, juniper, pinyon pine, russian thistle, and cheatgrass.

U.S. Steel was planning solely on nature to do the revegetation of the site. This scheme met with somewhat less endorsement from the Division than U.S. Steel would want. The Division personnel were surprised, however, to find that the native rabbitbrush was exceedingly prolific on waste dumps that were 5 to 10 years old. Trial revegetation plots planted on waste dumps were decidedly less impressive.

To bring the reclamation of this site closer to the Division's standards the following recommendations were made:

1. Further trail revegetation plots should be planted with a more diverse selection of drought resistant grass species.
2. Different ground preparation schemes should be tried on the test plots as the surfaces of the dumps are prone to becoming quite hard.
3. To as great a degree as possible, waste material should be dumped back over abandoned sides of the quarry to eliminate steep highwalls.

DIVISION OF OIL, GAS, AND MINING

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